

In the Claims

Claims 1 through 3, 7 through 10, 12, 13, 16 through 20 and 22 through 27 are pending herein. Claim 1 is amended herein. Claims 24 through 27 are cancelled herein. Claims 28 through 32 are added herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims replaces all prior versions and listings of claims in the application.

1. (Currently Amended) An assembly, comprising:
a bellows part, comprising:
 a flexible wall;
 a thickened base at one end of the flexible wall;
 a turned-back edge at an opposite end of the flexible wall;
 a cylindrical pressure valve adjacent the thickened base at one end of the flexible wall;
 and
 a suction valve adjacent to and encircled by the turned-back edge;
a co-acting part, comprising:
 a top portion; and
 a conical outer wall, comprising:
 a concave first conical part; and
 a second conical part;
wherein the turned-back edge of the bellows part rests on the top portion of the co-acting part and the bellows part co-operates with the co-acting part.

2. (Previously Presented) The assembly of claim 1, wherein a thickness of the flexible wall adjacent the thickened base is greater than the thickness of flexible wall adjacent the turned-back edge so as to cause a desired development of force.

3. (Previously Presented) The assembly of claim 1, wherein the turned-back edge is arranged on an outer end thereof for the purpose of absorbing a pressure force.

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Previously Presented) The assembly of claim 1, wherein the flexible wall further comprises a thickened portion.

8. (Previously Presented) The assembly of claim 1, wherein the flexible wall further comprises a bend.

9. (Previously Presented) The assembly of claim 1, wherein the flexible wall further comprises a concave cross-section.

10. (Previously Presented) The assembly of claim 1, wherein the flexible wall further comprises a convex cross-section.

11. (Cancelled)

12. (Previously Presented) The assembly of claim 1, wherein the bellows part comprises a material selected from the group consisting of a thermoplastic polymer and an elastomer.

13. (Previously Presented) The assembly of claim 1, wherein the flexible wall of the bellows part is substantially cylindrical.

14. (Cancelled)

15. (Cancelled)

16. (Previously Presented) The assembly of claim 1, wherein the suction valve further comprises three legs connected to the turned-back edge.

17. (Previously Presented) The assembly of claim 16, wherein the legs are Z-shaped in top view for an improved spring action.

18. (Previously Presented) The assembly of claim 1, wherein the suction valve further comprises a guide protrusion.

19. (Previously Presented) The assembly of claim 1, wherein the cylindrical pressure valve comprises a cylindrical flexible wall.

20. (Previously Presented) A pump, comprising an assembly as recited in claim 1.

21. (Cancelled)

22. (Previously Presented) A method for using an assembly as recited in claim 1, comprising rolling and unrolling the bellows part over at least a portion of the co-acting part.

23. (Previously Presented) The assembly of claim 1, wherein the turned-back edge further comprises a thickened edge and wherein the thickened edge rests on the top portion of the co-acting part.

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (New) An assembly, comprising:
a bellows part, comprising:
 a flexible wall;
 a thickened base at one end of the flexible wall;
 a turned-back edge at an opposite end of the flexible wall;
 a cylindrical pressure valve adjacent the thickened base at one end of the flexible wall;
 and
 a suction valve adjacent to and encircled by the turned-back edge;
a co-acting part, comprising:
 a top portion; and
 a conical outer wall, comprising:
 a convex first conical part; and
 a second conical part;
wherein the turned-back edge of the bellows part rests on the top portion of the co-acting part
and the bellows part co-operates with the co-acting part.

29. (New) The assembly of claim 28, wherein a thickness of the flexible wall adjacent the thickened base is greater than the thickness of flexible wall adjacent the turned-back edge so as to cause a desired development of force.

30. (New) The assembly of claim 28, wherein the flexible wall further comprises a thickened portion.

31. (New) The assembly of claim 28, wherein the turned-back edge further comprises a thickened edge and wherein the thickened edge rests on the top portion of the co-acting part.